36th Myron B. Laver International Postgraduate Course

Perioperative Management of Patients with Severe Pulmonary Disease
Dear Participant

Over the last two decades, the appearance of trauma patients in Switzerland, and presumably in all of Western Europe, has changed. Traffic safety regulations, modern car technology, speed limitations and general overcrowding of our roads and motorways have altered the feature of major trauma; incidences have declined; patterns and mechanisms are different; and one advantage of the early days – trauma patients being young, male, and previously healthy individuals – has diminished.

At the same time, our perspectives on multiple trauma, treatment options and surgical strategies look different. New insights into prehospital stabilization, early management of shock and volume resuscitation, prevention of co-agulation disorders, diagnosis and radiologic imaging, damage-controlled or non-invasive surgery along with trauma anesthesia and perioperative intensive care have modified our conceptual framework for major trauma patients.

This postgraduate course will address some of these aspects of modern trauma treatment. We will first cover the epidemiology and basic physiological context of trauma, address important aspects of preoperative survey, damage control radiology, intra- and postoperative treatment, and finish with specific trauma and intensive care topics including rehabilitation.

Switzerland is a «safe» country and major trauma has become a rare event. Political stakeholders have allocated the care of victims of major trauma to designated centers, but even these do not achieve a high caseload, and, not quite unexpectedly for a strong federalist country, the decision is not well accepted everywhere. Effective care of the seriously-injured patient requires the skills of clinicians of several medical specialties and appropriate organizational conditions. Provision of quality of care is not automatically guaranteed by declaring a hospital as a trauma center, and the declining numbers of major trauma patients make routine high-standard procedures an ongoing challenge.

Wolfgang Ummenhofer
### Session I: Pathophysiology and Basics
**Moderator: L. A. Steiner**

**Friday, January 29, 2016 (Morning Session)**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Presenter/Location</th>
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<tbody>
<tr>
<td>08.15 – 09.00</td>
<td>Registration in the ZLF lobby</td>
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<tr>
<td>09.00 – 09.15</td>
<td>Welcome/Introduction</td>
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<tr>
<td>09.15 – 09.45</td>
<td>True, Virtual, Physiological, Anatomical, Pathological Shunt or Dead Space: What This Is All About?</td>
<td>L. Magnusson Freiburg, Switzerland</td>
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<tr>
<td>09.45 – 10.15</td>
<td>Reading the Lung: Imaging in Pulmonary Disease</td>
<td>T. Heye Basel, Switzerland</td>
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<td>10.15 – 10.45</td>
<td>Preoperative Assessment for Pulmonary Resection- Is the „Three-Legged Stool“ Still Standing?</td>
<td>P. Slinger Toronto, ON, Canada</td>
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<tr>
<td>10.45 – 11.15</td>
<td>Coffee Break</td>
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<tr>
<td>11.15 – 11.45</td>
<td>Contemporary Management of Acute Right Ventricular Failure</td>
<td>A. Mebazaa Paris, France</td>
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<td>11.45 – 12.15</td>
<td>Which Pulmonary Diseases are Relevant for the Anesthesiologist?</td>
<td>J. Leuppi Liestal, Switzerland</td>
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<tr>
<td>12.15 – 13.00</td>
<td>Discussion with all speakers</td>
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### Session II: Intraoperative Management
**Moderator: M. Kaufmann**

**Friday, January 29, 2016 (Afternoon Session)**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Presenter/Location</th>
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<tbody>
<tr>
<td>14.15 – 14.45</td>
<td>Thoracic Surgery- No Limits?</td>
<td>W. Weder Zurich, Switzerland</td>
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<tr>
<td>14.45 – 15.15</td>
<td>Managing Acute and Chronic Post-Thoracotomy Pain</td>
<td>M. Curatolo Seattle, WA, USA</td>
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<td>15.15 – 15.45</td>
<td>Trouble-Shooting Single-Lung Ventilation</td>
<td>P. Slinger Toronto, ON, Canada</td>
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<td>15.45 – 16.15</td>
<td>Coffee break</td>
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<td>16.15 – 16.45</td>
<td>Ventilation Strategies for Non-Thoracic Surgery</td>
<td>B. Beck Schimmer Zurich, Switzerland</td>
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<td>16.45 – 17.15</td>
<td>Anesthesia for Lung Transplant</td>
<td>V. von Dossow-Hanfstingl Munich, Germany</td>
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<td>17.15 – 17.45</td>
<td>Discussion with all speakers</td>
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<tr>
<td>17.45 – 18.30</td>
<td>Guest lecture</td>
<td>L. C. Tsen Boston, MA, USA</td>
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<td>18.30</td>
<td>Close of scientific session</td>
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<td>18.30</td>
<td>Alumni dinner (for those who have reserved)</td>
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Session III: Intensive Care and Rehabilitation

Saturday, January 30, 2016

08.15 – 09.00 Coffee and croissants

09.00 – 09.30 My Life for a Better Ventilatory Support in the ICU: What You Have to Know
L. Gattinoni
Gattinoni Milan, Italy

09.30 – 10.00 When and Why to Choose ECMO: Evidence vs. Eminence
T. Bein
Regensburg, Germany

10.00 – 10.30 Invasive Ventilation in the ICU: State of the Art
P. Jolliet
Lausanne, Switzerland

10.30 – 11.00 From the ICU to Rehab and Home: Challenges and Solutions
P. Felleiter
Nottwil, Switzerland

11.00 – 11.30 Discussion with all speakers

11.30 Close of scientific session

Faculty

(in alphabetical order)

Beatrice Beck Schimmer, MD, Professor of Anesthesiology, Institute for Anesthesiology, University Hospital of Zurich, Switzerland

Thomas Bein, MD, Professor, Head of Surgical Intensive Care, Clinic for Anesthesiology, University Clinic Regensburg, Germany

Michele Curatolo, MD, PhD, Professor of Anesthesiology and Pain Medicine, Endowed Professor in Medical Education and Research, University of Washington, Department of Anesthesiology & Pain Medicine, Seattle, WA, USA

Peter Felleiter, MD, PhD, Medical Director of Intensive Care Medicine, Swiss Paraplegic Centre, Nottwil, Switzerland

Luciano Gattinoni, MD, Chief of the Department of Anesthesia, Resuscitation and Pain Therapy, Polyclinic Hospital of Milan; Professor, Director of the Department of Anesthesiology and Intensive Care, University of Milan, Italy

Tobias Heye, MD, Consultant Physician, Cardiac and Thoracic Radiology, University Hospital Basel, Switzerland

Philippe Jolliet, MD, Professor, Head of the Department of Emergency, Intensive Care, Operating Theaters, Endoscopy and Sterilization (DCILM), University Hospital of Vaud (CHUV), Lausanne, Switzerland

Mark Kaufmann, MD, Associate Professor and Head of Operating Theatres-East, Department for Anesthesia, Surgical Intensive Care, Prehospital Emergency Medicine and Pain Therapy, University Hospital Basel, Switzerland

Jörg Leuppi, MD, Professor, Head, University Clinic for Medicine, Kantonspital Basel, Switzerland

Lennart Magnusson, MD, PhD, Privat-docent, Medical Director, Department of Anesthesiology and Reanimation, Cantonal Hospital Freiburg, Switzerland

Alexandre Mebazaa, MD, PhD, Professor of Anesthesiology and Critical Care Medicine, PRES Sorbonne Paris Cité and Saint Louis Lariboisière University Hospitals, University of Paris Diderot, Paris, France

Hans Pargger, MD, Associate Professor and Head of Surgical Intensive Care, Department for Anesthesia, Surgical Intensive Care, Prehospital Emergency Medicine and Pain Therapy, University Hospital Basel, Switzerland

Peter Slinger, MD, FRCPC, Professor, Department of Anesthesia, University of Toronto, Toronto General Hospital, Toronto, ON, Canada

Luzius A. Steiner, MD, PhD, Professor and Chairman, Department for Anesthesia, Surgical Intensive Care, Prehospital Emergency Medicine and Pain Therapy, University Hospital Basel, Switzerland
General Course Information

Hosted by: Department for Anesthesia, Surgical Intensive Care, Prehospital Emergency Medicine and Pain Therapy University Hospital Basel Basel, Switzerland

Address for: 36th MBL International Postgraduate Course Correspondence: Department for Anesthesia, Surgical Intensive Care, Prehospital Emergency Medicine and Pain Therapy University Hospital Basel CH 4031 Basel, Switzerland Phone: +41 61 265 72 58 Fax: +41 61 265 73 20 E-mail: anaesthesie@usb.ch Website: http://www.anaesthesia.ch/mbl

Language: English (no simultaneous translation will be available)

On-line Registration: http://www.anaesthesia.ch/mbl (online registration is preferred)

On-site Registration and Information Registration begins on Friday, January 29, 2016 at 8:15 am in the foyer of the „Zentrum für Lehre und Forschung“ (ZLF), Hebelstrasse 20. The registration and information desk will be open during the entire proceedings.

Information Registration Fee: The cost of the course is CHF 400. Please register by January 15, 2016 so that we can give an approximate number to the caterers. Payment should be made in Swiss francs by using the enclosed payment slip or via e-banking to Credit Suisse, CH-8070 Zurich, Switzerland, in favour of “Verein zur Foerderung von Wissenschaft und Ausbildung am Departement Anaesthesie der Universitaet Basel” (IBAN: CH12 0483 5060 1315 8100 0, SWIFT/BIC: CRECSCHZ40A). Note: Credit cards cannot be accepted for the registration fee.

Lunch Ticket: Lunch tickets for Friday are available for CHF 30. If you wish to attend, this cost should be included with your registration fee.

Buffet Dinner: A buffet dinner will be served at Restaurant Safran Zunft, Gerbergasse 11, 4001 Basel for faculty and participants immediately after the last session on Friday. The cost of CHF 50 should be included with your registration fee if you plan to attend. Limited space is available.
General Course Information

Swiss Credit Points: SSAR/SGAR: To be announced  
SGI: To be announced

Hotel Reservations: Basel Tourismus Tel: +41 (0) 61 268 6868 or http://www.baseltourismus.ch

Venue: Small Auditorium  
University Hospital Basel Congress Center  
Zentrum für Lehre und Forschung (ZLF)  
Hebelstrasse 20  
CH 4031 Basel, Switzerland  
Phone +41 (0) 61 265 7254

Travel by Train: Arriving at Basel SBB: Take Bus 30; get off at the stop “Bernoullianum”. Head down the hill, taking a right onto Hebelstrasse. The venue will be labeled.

Travel by Car: Arriving via expressway to Basel City, then follow road sign labeled „Universitätsspital“. Limited parking is available in City Parking on Klingelbergstrasse 20 / Schanzenstrasse 48 with a pedestrian entry / exit at Hebelstrasse 20.

Travel by Air: Arriving at EuroAirport Basel-Mulhouse-Freiburg: Take Bus 50 to the stop “Bahnhof SBB”; change to Bus 30; get off at the stop “Bernoullianum”. Head down the hill, taking a right onto Hebelstrasse. The venue will be labeled.